

Site Reconnaissance Report, Puerto Peñasco, Sonora, Mexico

Date: Mach 31, 2004	Time: 1:00 p.m.	Location: Las Conchas Residential Development to Genesis, SA, CV		Coordinates: Not available
Wind Speed: 5-10 mph	Wind Dir. S	Air Temp: 80 F	Visibility: Clear	
Team Leader: Barney P. Popkin				Mexican Cell Phone: 638-386-76-63
Team Members: Fernando Martinez Montañez				Mexican Office Phone: 638-382-02-58

List of Items

1. Las Conchas Production Well #12, abandoned, 12-in. dia., asbestos-cement casing, 1974 – need secured cover to keep out kids and trash; needs debris removal from well
2. Las Conchas Production Well #5, abandoned, 16-in. dia. polyvinyl chloride (PVC) production well
3. Las Conchas Observation Well #5, abandoned, 6-in. dia. PVC observation well
4. Las Conchas Observation Well #2, active, 6-in. dia. PVC observation well at CEDO
5. Las Conchas Production Well #2, abandoned, 16-in. dia. PVC production well at CEDO
6. Las Conchas Observation Well #3, abandoned, 6-in. dia. PVC observation well
7. Las Conchas Production Well #3, abandoned, 16-in. dia. PVC production well
8. Las Conchas Observation Well #4, abandoned, 6-in. dia. PVC observation well
9. Las Conchas Production Well #4, active, 16-in. dia. PVC production well
10. UEP Production Well #6, abandoned
11. UEP, 1st replacement for Production Well #6, abandoned, 14-in. dia. PVC well, DICTUS – well failed because screen was inadequate
12. DICTUS 2nd replacement for Production Well #6, abandoned – well collapsed with sand as it was not screened but only opened to the coquina
13. Genesis, north plot of halophytes with pivot irrigation
14. Genesis, south plot of halophytes with pivot irrigation
15. Genesis, experimental halophyte plots
16. Genesis, green susubia ornamental halophytes
17. Genesis, dry lake
18. Genesis, Production Well #8, unused

Reference representative digital photos.
Continued on following page.

List of Items – Las Conchas Residential Development to Genesis, SA, CV, Continued

- 19. Genesis, Production Well #9, unused – oiled turbine, not suitable for shrimp or fish water supply because of pump-oil contamination
- 20. CICTUS, two wells on beach
- 21. Genesis Produccion de Postlarvas
- 22. Genesis Acuacultura Halofitas
- 23. Genesis, mangrove tree
- 24. Genesis, atriplex
- 25. Genesis, tilapia pond
- 26. Genesis, senior shrimp in tank
- 27. Genesis, wild jasmine

Comments – Las Conchas Residential Development to Genesis, SA, CV

Additional information needed on current salinity, pH, temperature, and other water-quality parameters; well depths and water levels; well yields.

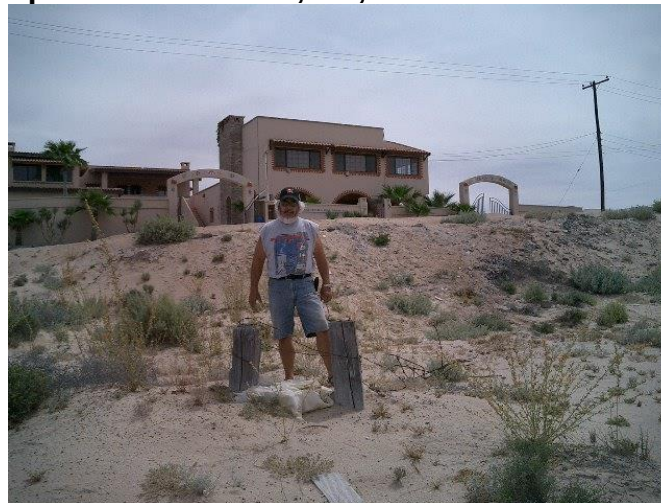
Some abandoned and unused wells may be rehabilitated for seawater supply.

If seawater is needed quickly, it can be lifted and distributed from directly from the sea with contractors or suction centrifugal pumps with screened intakes and from near shoreline wells if lift less than about 25 feet or an atmosphere of pressure less friction losses; use a check valve and make it self-priming. May also use a simple air lift pump for any capacity and lift if air compressors are available; advantages are flexibility and no moving pump parts.

Site Photographs of Items – Las Conchas Residential Development to Genesis, SA, CV



Item 1. Las Conchas Production Well #12, abandoned



Item 2. Las Conchas Production Well #5, abandoned



Item 3. Las Conchas Observation Well #5, abandoned



Item 4. Las Conchas Observation Well #2, active



Item 5. Las Conchas Production Well #2, abandoned



Item 6. Las Conchas Observation Well #3, abandoned



Item 7. Las Conchas Production Well #3, abandoned



Item 8. Las Conchas Observation Well #4, abandoned



Item 9. Las Conchas Production Well #4, active



Item 10. UEP Production Well #6, abandoned



Item 11. UEP, 1st replacement for Production Well #6, abandoned



Item 12. DICTUS 2nd replacement for Production Well #6, abandoned



Item 13. Genesis, north plot of halophytes with pivot irrigation



Item 14. Genesis, south plot of halophytes with pivot irrigation



Item 15. Genesis, experimental halophyte plots



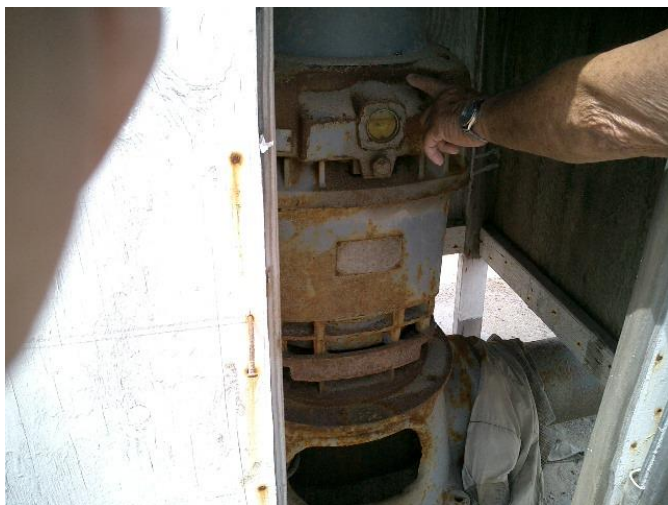
Item 16. Genesis, green sububia ornamental halophytes



Item 17. Genesis, dry lake



Item 18. Genesis, Production Well #8, unused



Item 19. Genesis, Production Well #9, unused



Item 20. CICTUS, two wells on beach



Item 21. Genesis Produccion de Postlarvas



Item 22. Genesis Acuacultura Halofitas



Item 23. Genesis, mangrove tree



Item 24. Genesis, Atriplex



Item 25. Genesis, tilapia pond



Item 26. Genesis, senior shrimp in tank



Item 27. Genesis, wild jasmine